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Fax: (571) 273-8300

Attention: Group Art Unit: 2684

Examiner: John J. Lee

Supervising Examiner: Nay Maung

UNITED STATES PATENT AND TRADEMARK OFFICE

Phone: (571) 272-7880

Alt Phone: (571) 272-7882

Pages: Cover + 1 + 20 = 22

Date: October 5, 2005

From: Georgann S. Grunebach

Assistant General Counsel, DIRECTV

Fax: (310) 964-0941

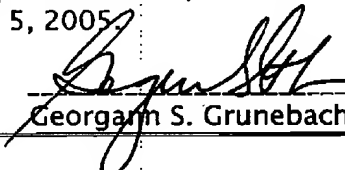
Phone: (310) 964-4615

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Date: October 5, 2005


Georgann S. Grunebach, Reg. No. 33,179

Attention: Commissioner for Patents

Attorney Docket No. PD-990302

Please find attached Re:

Inventor: Arthur W. Wang

Serial No.: 09/702,218

Filed: October 30, 2000

> Amendment Transmittal (1 page)

> Amendment Response to PTO Communication of July 15, 2005 (20 pages)

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

OCT 05 2005

PATENT
Docket No. PD-990302
CUSTOMER NO.: 020991IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Arthur W. Wang : Date: October 5, 2005
 Serial No.: 09/702,218 : Group Art Unit: 2684
 Filed: October 30, 2000 : Examiner: John J. Lee
 For: LOW COST DESIGN TO DOUBLE NUMBER OF
 CHANNELS FOR DIRECT BROADCAST SATELLITE SERVICES

TRANSMITTAL LETTER FOR AMENDMENT

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir: Transmitted herewith is an amendment in the above-identified application.

X Applicant believes that no extension of time is required to respond to the Office Action dated July 15, 2005.
 However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

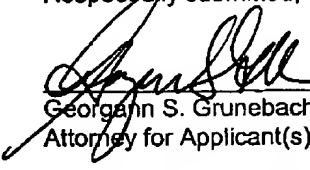
X No additional fee for claims is required.

X The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED								
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE				
TOTAL CLAIMS	40 minus	52* =	0 x \$ 50.00	\$	-0-			
INDEPENDENT CLAIMS	10 minus	13** =	0 x \$ 200.00	\$	-0-			
MULTIPLE DEPENDENT CLAIMS			0 + \$ 360.00	\$	-0-			
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:				\$	00.00			

Charge \$ 00.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formally Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

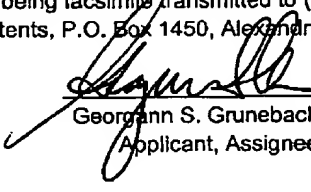
Respectfully submitted,


 Georgann S. Grunebach, Reg. No.: 33,179
 Attorney for Applicant(s)

Certification of Facsimile Transmission UNDER 37 CFR 1.8

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The DIRECTV Group, Inc.
 Patent Docket Administration
 Bldg. R11, M/S A109
 PO Box 956
 El Segundo, CA 90245-0956
 Telephone: 310/964-4615


 Georgann S. Grunebach, Reg. No.: 33,179
 Applicant, Assignee or Registered Representative

October 5, 2005
 Date

* If less than 20, insert 20
 ** If less than 3, insert 3

OCT 05 2005

Due Date: October 15, 2005

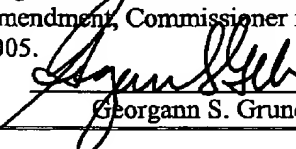
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Arthur W. Wang	Examiner:	John J. Lee
Serial No.:	09/702,218	Group Art Unit:	2684
Filed:	October 30, 2000	Docket:	PD-990302
Title:	LOW COST DESIGN TO DOUBLE NUMBER OF CHANNELS FOR DIRECT BROADCAST SATELLITE SERVICES		

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Date: October 5, 2005


Georgann S. Grunebach, Reg. No. 33,179

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated July 15, 2005, please amend the above-identified application as follows.